



# ISSAC 2007

University of Waterloo, Ontario, Canada

July 29-August 1, 2007

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## Conference Topics:

### Algorithmic Mathematics

Algebraic, symbolic and symbolic-numeric algorithms. Simplification, function manipulation, summation, integration, polynomial/differential/difference equations, linear algebra, number theory, group and invariant theory, geometric computing.

### Computer Science

Theoretical and practical problems in symbolic computation. Systems, problem solving environments, user interfaces, software, libraries, parallel/distributed computing and programming languages, concrete analysis, benchmarking, theoretical and practical complexity, automatic differentiation, code generation, mathematical data structures and exchange protocols.

### Applications

Problem treatments using algebraic, symbolic or symbolic-numeric computation in an essential or a novel way. Engineering, economics and finance, physical and biological sciences, computer science, logic, mathematics and education.

## Important Dates

Deadline for submissions: January 17, 2007 (Midnight [24:00 EST])

Notification of acceptance/rejection: March 28, 2007

Camera-ready copy to the publisher: April 27, 2007

